

Scan-X lineScan™

Portable X-ray System



www.scanxsecurity.com

Introduction

Large active scanning area in a small size

Our ultra-versatile lineScan™ range delivers customised imaging performance using CMOS technology in an ultracompact and rugged portable X-ray imaging system.

lineScan™ combines excellent imaging performance with a slim panel and an attractive price proposition across the product lifecycle using line-scan imaging techniques widely used in industrial and security imaging.

- Large area, thin detector panel
- Direct radiography, real-time images
- Rapid deployment, easy to use, rugged
- Near-edge imaging

Highlights

The complete Scan-X lineSCAN™ system comprises:

Your choice of X-ray generator (constant potential), and your selected lineSCAN™ module:

- Ultra-slim rugged detector panel (range of sizes available)
- Computer with isis™ software (range available)
- Rugged portable carry case (range available)
- Operation and maintenance manual
- Selected options and accessories

Applications

Analysed Images' range of lineSCAN™ portable X-ray scanners is suited to a variety of applications, including...

- Security Inspections
- Search Operations
- Wall Inspections
- Suspicious Baggage Checks
- IEDD
- Explosives Detection
- Weapons Detection
- Customs and Border Controls First
- Responder Inspection
- Archeological Site Inspections
- Art Research
- Construction Sectors



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Imager	
Imaging category	Direct radiography
Detector type	CMOS digital photodiode array
Power supply	110-250VAC, Removeable rechargeable NIMH cells
Battery life (unit switched off)	>15 days from full charge
Battery life (continuous use)	>4 hours from full charge
Communications	USB, GigE, 802.11n
Operating temperature	0 to 50 C
Storage temperature	-10 to +60 C
Construction	Carbon fibre, aluminium and acetal
Near-edge imaging	3 sides (min. 10mm)
A/D conversion / dynamic range	16 bit
Pixel pitch	0.8mm / 0.4mm / 0.2mm
Image processing software	isis™
Image scan time	3 - 10 secs (user adjustable)

Key Options	
Extra shielding for very high energy X-rays	✓
Encrypted wireless communications	✓
Digital Wireless System - connects laptop to ICU/imager	✓ (802.11n)
Ruggedised laptop / MIL-grade laptop / tablet	✓
Dual Energy Module for materials discrimination	✓
Automatic Defect Recognition (ADR)	✓

Note: The appearance and specifications are subject to actual product.
Image performance specifications are based on test piece complying with GB 15208.2-2006.



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